

Claims

What is claimed is:

1. An apparatus for cooking food on skewers, comprising:
a plurality of holding members for holding skewers skewering food;
rotating means for rotating the holding members; and
heating means for cooking the food skewered by the skewers rotated by the rotating means,
wherein the rotating means includes a plurality of rotational drive sources with adjustable speeds of rotation, with the rotational drive sources being respectively connected to at least one of the plurality of holding members, and with rotational speeds of the plurality of holding members being adjustable.
2. The apparatus for cooking food on a skewers as disclosed on claim 1, further comprising:
an apparatus main body provided with heating means, and a plurality of cassettes capable of being freely detached from and installed at the main apparatus body,
wherein the holding means and the rotational drive sources are arranged at the respective cassettes so that it is possible to adjust rotational speed of the holding members for each respective cassette.
3. The apparatus for cooking food on skewers as disclosed in claim 2,
wherein the main apparatus body is vertical oblong, and at least a plurality of the plurality of cassettes is installed with a vertical positional relationship at the main apparatus body.

4. The apparatus for cooking food on skewers as disclosed in claim 3, further comprising:
 - a juice receiving member, for receiving juice created during cooking of the food skewed by the skewers supported by the holding members provided at upper side cassettes of the plurality of cassettes installed at the main apparatus body with a vertical positional relationship, arranged at a position on a lower side from the holding members of cassettes on the upper side.
5. The apparatus for cooking food on skewers as disclosed in claim 2,
 - wherein the heating means adopts a dual surface heating method where surfaces on mutually opposite sides are heating surfaces, the cassettes are arranged at positions opposite the respective heating surfaces of the heating means, and axial directions of central axes of rotation of the holding members provided at the cassettes are in directions parallel with the heating surfaces.
6. The apparatus for cooking food on skewers as disclosed in claim 2,
 - wherein the main apparatus body is a box with the heating means arranged within the box, the cassettes pass through an opening formed in the main apparatus body so as to be inserted into the main apparatus body in a freely removable manner, so that when all of the cassettes are inserted into the opening so as to be installed, the inside of the main apparatus body is a sealed space or a substantially sealed space.

7. An apparatus for cooking food on skewers, comprising:
 - a main apparatus body; at least one cassette provided with holding members for holding food on skewers; and rotating means for rotating the holding members,
 - wherein a cooking space for cooking the food is formed within the main apparatus body, an opening causing the cooking space and the outside of the main apparatus to communicate and enabling extraction and insertion for installing the cassette is formed in the device body, and the cooking space becomes a sealed or substantially sealed space when the cassette is inserted so as to be installed at the opening.
8. The apparatus for cooking food on skewers as disclosed in claim 7,
 - wherein heating means for cooking the food is located at the main apparatus body.
9. The apparatus for cooking food on skewers as disclosed in claim 7,
 - wherein heating means for cooking the food is located at the cassette.
10. The apparatus for cooking food on skewers as disclosed in claim 7,
 - wherein a juice receiving member for receiving juice created during cooking of the food is provided positioned at a side lower than the holding member of the cassette.
11. The apparatus for cooking food on skewers as disclosed in claim 7,
 - wherein the number of cassettes provided is a plurality, the number of the cooking spaces is the same as the number of cassettes, with the cooking spaces being mutually partitioned so as to be non-continuous partitioned spaces.
12. The apparatus for cooking food on skewers as disclosed in claim 11,
 - wherein heating means for cooking the food are provided respectively at each of the cooking spaces at the main apparatus body.

13. The apparatus for cooking food on skewers as disclosed in claim 11,
wherein heating means for cooking the food are provided respectively at each of
the cassettes.
14. The apparatus for cooking food on skewers as disclosed in claim 11,
wherein at least two cooking spaces of the plurality of cooking spaces are
provided with a vertical positional relationship within the main apparatus
body.
15. The apparatus for cooking food on skewers as disclosed in claim 12 or claim 13,
wherein heating temperatures of respective heating means can be individually
adjusted.
16. The apparatus for cooking food on skewers as disclosed in claim 7,
wherein a see-through part enabling the cooking space within the main apparatus
body to be observed from outside of the main apparatus body when the
cassette is inserted in the opening is provided in the main apparatus body.
17. An apparatus for cooking skewered food constituted by food and a skewer skewering
the food, comprising:
 - a main apparatus body having a wall member forming a cooking space supporting
food being cooked therein;
 - a heater provided in such a manner that a heat-emitting section is positioned at an
upper part of the cooking space; and
 - a food holding mechanism for positioning food downwards from the heat-emitting
section and being capable of holding horizontally laid skewers in a manner
enabling free rotation about a center axis of the skewers.

18. The apparatus for cooking food on skewers as disclosed in claim 17,
wherein the opening is provided at the side of the front of the cooking space of the
wall member, and
the main apparatus body has a door member for covering the opening.
19. The apparatus for cooking food on skewers as disclosed in claim 18,
wherein the food holding mechanism includes a guide mechanism providing
guidance in a free-moving manner between the cooking space and outside
so as to pass skewered food held by the food holding mechanism through
the opening.
20. The apparatus for cooking food on skewers as disclosed in claim 18,
wherein the wall member has at least a pair of side surface wall members, an
upper surface wall member, a front surface wall member, and a back
surface wall member,
the pair of side surface wall members form side surfaces for both sides of the
cooking space,
the upper surface wall member forms an upper surface of the cooking space,
the front surface wall member forms a part above the opening of the front surface
of the cooking space, and
the back surface wall member forms a back surface of the cooking space.
21. The apparatus for cooking food on skewers as disclosed in claim 17,
wherein the wall member has a first ventilation hole communicating with the
outside at an upper part of the cooking space.

22. The apparatus for cooking food on skewers as disclosed in claim 17,
wherein the wall member has a first ventilation hole communicating with the outside at an upper part of the cooking space and a second ventilation hole communicating with the outside at a lower part of the cooking space.
23. The apparatus for cooking food on skewers as disclosed in claim 17,
wherein the food holding mechanism has a holding member for holding one end of a skewer and a rotating mechanism for rotating the holding member about an axial center of the skewer.
24. The apparatus for cooking food on skewers as disclosed in claim 17,
wherein the food holding mechanism has a holding member for holding one end of a skewer and a rotating mechanism for rotating the holding member about an axial center of the skewer, and
the holding member has a rod member provided with a hole for one end of the skewer to plug into, and a branching member with one end supported at the rod member, an extending in a standing position along the skewer towards the side of the food.
25. The apparatus for cooking food on skewers as disclosed in claim 17,
wherein the food holding mechanism has a holding member for holding one end of a skewer and a rotating mechanism for rotating the holding member about an axial center of the skewer, and
the holding member has a rod member provided with a hole for one end of the skewer to plug into, and a pair of mesh members extending along the skewer supported at the rod member and so as to sandwich the food from both sides.

26. The apparatus for cooking food on skewers as disclosed in claim 17,
wherein the main apparatus body has a juice receiving member having a flat plate part positioned at the bottom of the cooking space inclined in one direction.
27. The apparatus for cooking food on skewers as disclosed in claim 17,
wherein the main apparatus body has a juice receiving member having a flat plate part positioned at the bottom of the cooking space and being capable of receiving liquid dripping from above, and a covering plate with a plurality of holes for covering the upper surface of the flat plate part.
28. The apparatus for cooking food on skewers as disclosed in claim 17,
wherein a wall surface of the wall member is metallic.
29. A holding member for holding skewered food in order to cook the skewered food constituted by food and a skewer skewering the food, comprising:
a rod member provided with a hole for one end of the skewer to plug into; and
a pair of mesh members extending along the skewer supported at the rod member and so as to sandwich the food from both sides.